

User Manual

Product Type: NAL-1501

Thank you for choosing MINKLE multifunction battery jump starter! This product is very light and compact. It can start up your car during your car battery failure or ignition and also charge your electronic products and use as a flashlight. Please read the manual carefully before using the appliance, and please safekeeping.

Features

Using advance technology patent design, smallest and lightest weight products of similar products in the world.

Good ergonomic design, suitable for single hand held, and easy to use.

Displacement does not exceed 3.0L's car, which can be used to start the engine of this product, and the essential equipment of camping.

5V USB power port power supply for all kinds of electronic products, and the product weighs less than 400 grams. It's your portable mobile power supply.

The 12000mAh battery capacity provides a strong power for your electronic products.

LED light function allows you to get light in the dark.

At minus 20 °C low temperature environment also can be used.

Using high-quality security battery lip is ensured that it will not accidentally burn or short circuit, with high security.

Built-in circuit board has a current protection, over-charge protection and other protective measures to achieve security and stability of the charge and discharge.

Built-in intelligent circuit with automatic shutdown function to protect the output, if it will automatically shut off the power supply within 5 seconds.

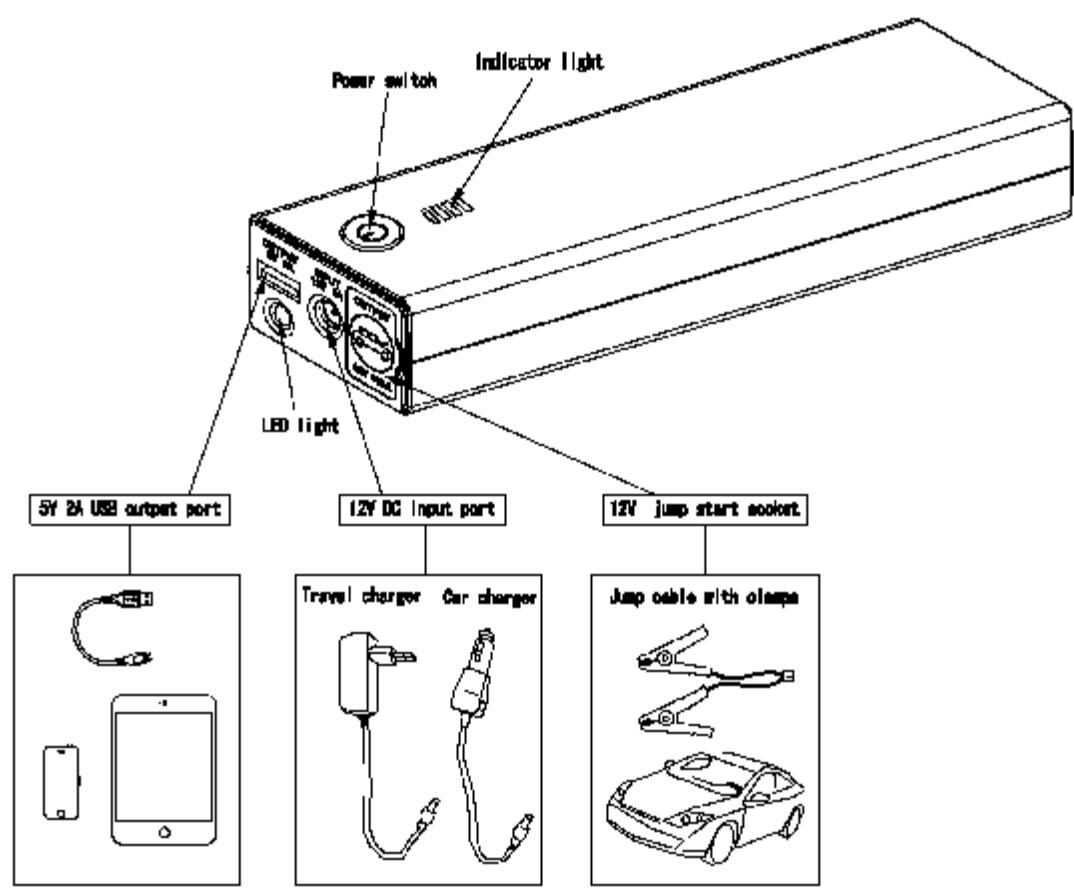
Safety Precautions

Please read these simple guidelines. Failure to follow these rules may be dangerous.

Please remove the appliance from the vehicle within 30s after the vehicle is started. Otherwise, it may cause accidents.

Please do not clip battery clips, otherwise it may cause accidents.
Please do not disassemble the appliance, otherwise it may cause accidents.
Please use qualified charger to charge product, charging should be in a non-flammable and non-combustible material.
If the appliance is short-circuited, deformed, or damaged, please stop using immediately.

Parts and Functions



Indicator light

Touch the power switch, power indicator the following meanings:

Indicator lights	Unlit	Bright 1	Bright 2	Bright 3	Bright 4
Product electricity	0	25%	50%	75%	100%

During charging the appliance, the power indicator flashes yellow when the battery is low. The indicator lights of electricity on behalf of the appliance. Four indicator light, indicating the charging progress. pause/end.

Product parameters

Size	175 * 48.5 * 30mm
Battery capacity	12000mAh
Peak current	400A
Output	5V 2A (USB port) , 12V 400A (Jump start port)
Input	12V 1A (DC port)
Charging time	About 4 hours full
Operating temperature	-20°C - 60°C

Operating ui dñnce

Power on and off

Press the power switch that is under the red button, the power indicator light will flash, indicating that the power is on. For electronic products, insert the charging port and the charging cable. If the power is not turned on, the electronic product cannot be charged.

Double-press the power switch, then turn on the LED lighting. Double-press the power switch again, then turn off the LED lighting.

If you do not manually turn off the power, once the power is on, or charging the electronic products, the appliance will intelligently detect, and automatically power off after 5 seconds. Please note that the LED lighting does not close automatically.

Charging for Jump Starter itself

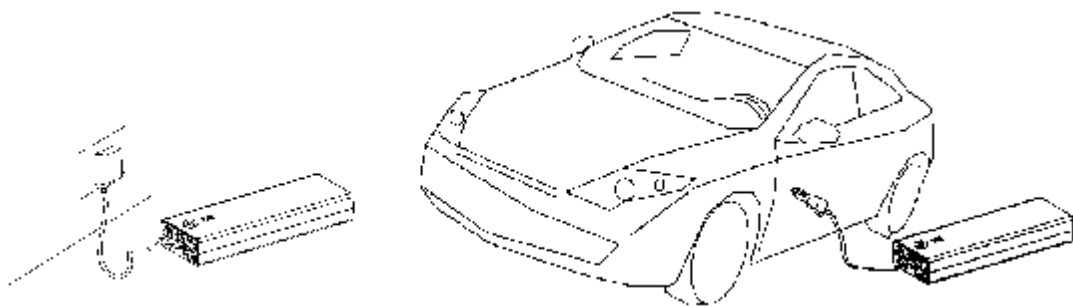
1. Plug the travel charger into the charging socket.
2. The travel charger 12V DC plug into the appliance's 12V 2A DC input port.

Or:

1. Plug one end of the car charger cigarette plug.
2. The Car Charger 12V DC plug into the appliance's 12V 2A DC input port.

Above two methods is charging, the green power indicator light flashes, indicating that charging is in progress, full of the power indicator light, no flashing, indicating that the full, disconnect the charger and the power indicator light turns off automatically. Before pressing the power switch, you can query power, two seconds after the power light is off.

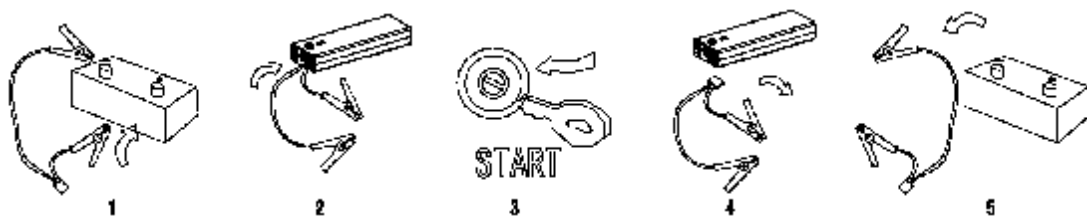
Above to the appliance charge time is about 4 hours, and then the appliance is fully charged.



To jump start 12V vehicle

1. Make sure that the red and black indicator lights can be right. Verify that the appliance power indicator in two or two or more..
2. Connect the red battery and positive (+) battery terminal and connect the black battery and negative (-) battery terminal.
3. Plug the connector of jumper cable at the jump start socket.
4. Start the vehicle.
5. When the vehicle starts, remove jumper cable from Jump Starter within 30 seconds.
6. Remove the battery caps.

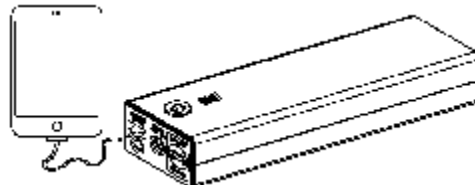
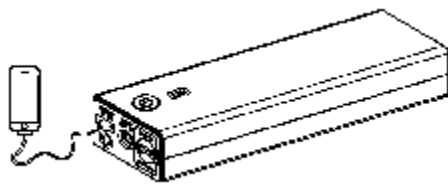
According to product design, under normal circumstances can start the car more than 20 times.



To charge your phone/tablet and other electronic products

1. Select the required USB cable or other suitable cable.
2. Plug the USB cable to 5V 2A USB output port.
3. Connect the other end of your phone/ tablet computer and other electronic products.
4. Press the power switch to charge. Indicator lights will light during charging.

The built-in battery capacity is 2000mAh, it can charge phone 5 times, for example never power off the handset is fully charged, can be continuous use for entire day.



Trouble shooting

If the following operations cannot exclude the fault, please stop using the appliance immediately and contact your dealer.

No response when I press the power switch.	Low voltage protection is activated, cutting off the circuit.	Plug the charger into the 12V 2A input port.
The jump starter cannot be charged	Charger is not suitable; Appliance is fully charged.	Choose qualified charger. If all indicators light bright, it has been fully charged, do not need to charge it.
The jump starter cannot charge electronic products	The power switch is off; Appliance have no electricity; Cable is faulty.	Press the power switch; Charging to the appliance; Replace a qualified cable.

Packing List

Host appliance ×1
 Travel charger ×1
 Car charger ×1
 Jump cable with battery lamp ×1
 USB cable ×1
 Bag ×1
 User manual ×1
 Quality certificate ×1

Toxic and harmful substances

Composition and content of Toxic and harmful substances in jump starter					
Pb	Hg	Cd	Cr(VI)	PBB	PBDE
0	0	0	0	0	0
0: Indicate all homogeneous materials' hazardous substances content are below the MCV limit					

Precautions

The appliance should be taken to avoid exposure, percussion, water, and rain in the transport process, and make the battery position and give polarity.

The appliance should be stored in a cool dry indoor storage, avoid flooding, rain.

No long-term placement in low voltages take Appliances should not use the electrolytic capacitor more than 50% of storage, can be stored for more than 6 months, but not extend the service life, suggest charging every three months.

Do not immerse the appliance in water or become wet.

Do not modify or disassemble the appliance.

Do not reverse connect the input or output.

Be careful not to touch the hot parts.

Do not put the appliance in a fire.

Please use qualified charger to charge the appliance.

Do not touch the heavy and hot parts of the appliance.

If the liquid flows out of the battery, do not touch your eyes, nose, mouth, or skin. If it gets into your eyes, consult doctors immediately.

If the battery is not working or has a problem, please contact your dealer.

WARRANTY INFORMATION:

We offer a limited warranty for this product against any defects in material and workmanship for a period of 6 months from the date of purchase by the end user/consumer. The conditions of the warranty are as follows:

1. The warranty is only valid upon presentation of the original receipt of purchase by the original purchaser with the product to be repaired or replaced.
2. The warranty is void if the serial number, date of purchase and label has been removed.
3. The warranty does not cover damage or product failure resulting from normal wear and tear, physical abuse, improper installation, misuse, modification or repairs by unauthorized third parties.
4. We do not assume responsibility for any loss or damage incurred during shipment or as a result of a force majeure.
5. We are not liable for any incidental or consequential damages arising from the use or misuse of the product.
6. All warranty claims are limited to repair or replacement of the defective product at the sole discretion of us.
7. If we repair or replace the product, the product will be covered for the remaining time of the original warranty period. Repair or replacement may involve the use of reconditioned units which are equivalent in function. Replaced parts or product becomes the property of us.

8. Consumable components such as batteries are not covered by the warranty.

Applied standard

IEC 62133-2012 Secondary cells and batteries containing alkaline or other non-acid electrolytes
–Safety requirements for portable sealed